



# 12-Gauge Penetrating and Irritating Cartridge (PIC)

**Description:** The 12-gauge PIC will provide the soldier with a less-than-lethal capability to incapacitate hostile forces behind barricades. The cartridge shall conform to the Small Arms & Manufacturer's Institute specification standard. The 12-gauge PIC will be able to disseminate both riot control agent and simulated load for training. These cartridges will be used to gain forced entry or incapacitate the occupants of a room. The U.S. Army Military Police School approved the Operational Requirements Document in November 1999. The 12-gauge PIC will use Commercial Non-developmental Item sources and be tested by the U.S. Army Development Test Center. The 12-gauge PIC is a Soldier Enhancement Program.



**Capability:** The 12-gauge PIC will be fired from the standard issue 12-gauge shotguns chambered from 2.75- and 3-inch cartridges. The cartridge's payload shall penetrate barriers such as building doors, windows, and vehicle windows and bodies. Upon impact, the cartridge will introduce a cloud of Riot Control Agent (RCA) particulate to distract and confuse the threat forces on the other side. When one to two 12-gauge PIC cartridges are fired through a barrier into an 18 m<sup>3</sup> volume enclosure, they shall (within 3-10 seconds) render all unmasked threat personnel inside the enclosure incapable of coherent action against friendly forces for 30 seconds to 3 minutes. The 12-gauge PIC shall dispense an RCA cloud in free space at 10-15 meters without striking an object. The 12-gauge PIC shall be effective in wet, humid, temperate, and dry environments and during inclement weather conditions such as rain, dust, and sand storms.

## Advantages:

- Less-than-lethal capability
- Commercial item
- Government tested



For additional information, please contact Director, Edgewood Chemical Biological Center, ATTN: AMSSB-REN-EN, Aberdeen Proving Ground, MD 21010-5424. The System Manager can also be contacted by telephone at (410) 436-7320 or DSN 584-7320.